

**Environmental Protection Agency**

**Pt. 63, Subpt. ZZZZ, Table 6**

| For each . . .  | Complying with the requirement to . . .   | You have demonstrated initial compliance if . . .   |
|---|---|---|
| 7. Stationary RICE >500 HP located at a major source.   | a. Limit the concentration of formaldehyde in the stationary RICE exhaust and not using oxidation catalyst or NSCR. | i. The average formaldehyde concentration, corrected to 15 percent O <sub>2</sub> , dry basis, from the three test runs is less than or equal to the formaldehyde emission limitation; and<br>ii. You have installed a CPMS to continuously monitor operating parameters approved by the Administrator (if any) according to the requirements in §63.6625(b); and<br>iii. You have recorded the approved operating parameters (if any) during the initial performance test. |
| 8. Existing stationary non-emergency RICE ≥100 HP located at a major source, existing non-emergency CI stationary RICE >500 HP, and existing stationary non-emergency RICE ≥100 HP located at an area source. | a. Reduce CO or formaldehyde emissions.   | i. The average reduction of emissions of CO or formaldehyde, as applicable determined from the initial performance test is equal to or greater than the required CO or formaldehyde, as applicable, percent reduction.  |
| 9. Existing stationary non-emergency RICE ≥100 HP located at a major source, existing non-emergency CI stationary RICE >500 HP, and existing stationary non-emergency RICE ≥100 HP located at an area source. | a. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust.                                    | i. The average formaldehyde or CO concentration, as applicable, corrected to 15 percent O <sub>2</sub> , dry basis, from the three test runs is less than or equal to the formaldehyde or CO emission limitation, as applicable.  |

[75 FR 9684, Mar. 3, 2010]

**TABLE 6 TO SUBPART ZZZZ OF PART 63—CONTINUOUS COMPLIANCE WITH EMISSION LIMITATIONS AND OPERATING LIMITATIONS**

As stated in §63.6640, you must continuously comply with the emissions and operating limitations as required by the following:

| For each . . .   | Complying with the requirement to . . .                                       | You must demonstrate continuous compliance by . . .  |
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| 1. 2SLB and 4SLB stationary RICE >500 HP located at a major source and CI stationary RICE >500 HP located at a major source. | a. Reduce CO emissions and using an oxidation catalyst, and using a CPMS.     | i. Conducting semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved <sup>a</sup> ; and<br>ii. Collecting the catalyst inlet temperature data according to §63.6625(b); and<br>iii. Reducing these data to 4-hour rolling averages; and<br>iv. Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and<br>v. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test. |
| 2. 2SLB and 4SLB stationary RICE >500 HP located at a major source and CI stationary RICE >500 HP located at a major source. | a. Reduce CO emissions and not using an oxidation catalyst, and using a CPMS. | i. Conducting semiannual performance tests for CO to demonstrate that the required CO percent reduction is achieved <sup>a</sup> ; and<br>ii. Collecting the approved operating parameter (if any) data according to §63.6625(b); and<br>iii. Reducing these data to 4-hour rolling averages; and<br>iv. Maintaining the 4-hour rolling averages within the operating limitations for the operating parameters established during the performance test.  |

| For each . . .   | Complying with the requirement to . . .  | You must demonstrate continuous compliance by . . .   |
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| 3. 2SLB and 4SLB stationary RICE >500 HP located at a major source and CI stationary RICE >500 HP located at a major source. | a. Reduce CO emissions and using a CEMS.   | <ul style="list-style-type: none"> <li>i. Collecting the monitoring data according to §63.6625(a), reducing the measurements to 1-hour averages, calculating the percent reduction of CO emissions according to §63.6620; and</li> <li>ii. Demonstrating that the catalyst achieves the required percent reduction of CO emissions over the 4-hour averaging period; and</li> <li>iii. Conducting an annual RATA of your CEMS using PS 3 and 4A of 40 CFR part 60, appendix B, as well as daily and periodic data quality checks in accordance with 40 CFR part 60, appendix F, procedure 1.</li> </ul>   |
| 4. 4SRB stationary RICE >500 HP located at a major source.   | a. Reduce formaldehyde emissions and using NSCR.   | <ul style="list-style-type: none"> <li>i. Collecting the catalyst inlet temperature data according to §63.6625(b); and</li> <li>ii. reducing these data to 4-hour rolling averages; and</li> <li>iii. Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and</li> <li>iv. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.</li> </ul>  |
| 5. 4SRB stationary RICE >500 HP located at a major source.   | a. Reduce formaldehyde emissions and not using NSCR.   | <ul style="list-style-type: none"> <li>i. Collecting the approved operating parameter (if any) data according to §63.6625(b); and</li> <li>ii. Reducing these data to 4-hour rolling averages; and</li> <li>iii. Maintaining the 4-hour rolling averages within the operating limitations for the operating parameters established during the performance test.</li> </ul>  |
| 6. 4SRB stationary RICE with a brake HP ≥5,000 located at a major source.  | Reduce formaldehyde emissions .....  | Conducting semiannual performance tests for formaldehyde to demonstrate that the required formaldehyde percent reduction is achieved. <sup>a</sup>  |
| 7. Stationary RICE >500 HP located at a major source.  | Limit the concentration of formaldehyde in the stationary RICE exhaust and using oxidation catalyst or NSCR.     | <ul style="list-style-type: none"> <li>i. Conducting semiannual performance tests for formaldehyde to demonstrate that your emissions remain at or below the formaldehyde concentration limit<sup>a</sup>; and</li> <li>ii. Collecting the catalyst inlet temperature data according to §63.6625(b); and</li> <li>iii. Reducing these data to 4-hour rolling averages; and</li> <li>iv. Maintaining the 4-hour rolling averages within the operating limitations for the catalyst inlet temperature; and</li> <li>v. Measuring the pressure drop across the catalyst once per month and demonstrating that the pressure drop across the catalyst is within the operating limitation established during the performance test.</li> </ul> |
| 8. Stationary RICE >500 HP located at a major source.  | Limit the concentration of formaldehyde in the stationary RICE exhaust and not using oxidation catalyst or NSCR. | <ul style="list-style-type: none"> <li>i. Conducting semiannual performance tests for formaldehyde to demonstrate that your emissions remain at or below the formaldehyde concentration limit<sup>a</sup>; and</li> <li>ii. Collecting the approved operating parameter (if any) data according to §63.6625(b); and</li> </ul>  |

| For each . . .   | Complying with the requirement to . . .   | You must demonstrate continuous compliance by . . .   |
|--|---|---|
| 9. Existing stationary CI RICE not subject to any numerical emission limitations.  | a. Work or Management practices .....   | <ul style="list-style-type: none"> <li>iii. Reducing these data to 4-hour rolling averages; and</li> <li>iv. Maintaining the 4-hour rolling averages within the operating limitations for the operating parameters established during the performance test.</li> <li>i. Operating and maintaining the stationary RICE according to the manufacturer's emission-related operation and maintenance instructions; or</li> <li>ii. Develop and follow your own maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions.</li> </ul> |
| 10. Existing stationary RICE >500 HP that are not limited use stationary RICE, except 4SRB >500 HP located at major sources. | <ul style="list-style-type: none"> <li>a. Reduce CO or formaldehyde emissions; or.</li> <li>b. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust.</li> </ul> | <ul style="list-style-type: none"> <li>i. Conducting performance tests every 8,760 hours or 3 years, whichever comes first, for CO or formaldehyde, as appropriate, to demonstrate that the required CO or formaldehyde, as appropriate, percent reduction is achieved or that your emissions remain at or below the CO or formaldehyde concentration limit.</li> </ul>   |
| 11. Existing limited use stationary RICE >500 HP that are limited use CI stationary RICE.                                    | <ul style="list-style-type: none"> <li>a. Reduce CO or formaldehyde emissions; or.</li> <li>b. Limit the concentration of formaldehyde or CO in the stationary RICE exhaust.</li> </ul> | <ul style="list-style-type: none"> <li>i. Conducting performance tests every 8,760 hours or 5 years, whichever comes first, for CO or formaldehyde, as appropriate, to demonstrate that the required CO or formaldehyde, as appropriate, percent reduction is achieved or that your emissions remain at or below the CO or formaldehyde concentration limit.</li> </ul>   |

<sup>a</sup> After you have demonstrated compliance for two consecutive tests, you may reduce the frequency of subsequent performance tests to annually. If the results of any subsequent annual performance test indicate the stationary RICE is not in compliance with the CO or formaldehyde emission limitation, or you deviate from any of your operating limitations, you must resume semi-annual performance tests.

[75 FR 9685, Mar. 3, 2010]

TABLE 7 TO SUBPART ZZZZ OF PART 63—REQUIREMENTS FOR REPORTS

As stated in § 63.6650, you must comply with the following requirements for reports:

| You must submit a(n) . . . | The report must contain . . .  | You must submit the report . . .  |
|----------------------------|--|---|
| 1. Compliance report ..... | <ul style="list-style-type: none"> <li>a. If there are no deviations from any emission limitations or operating limitations that apply to you, a statement that there were no deviations from the emission limitations or operating limitations during the reporting period. If there were no periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in § 63.8(c)(7), a statement that there were not periods during which the CMS was out-of-control during the reporting period; or</li> <li>b. If you had a deviation from any emission limitation or operating limitation during the reporting period, the information in § 63.6650(d). If there were periods during which the CMS, including CEMS and CPMS, was out-of-control, as specified in § 63.8(c)(7), the information in § 63.6650(e); or</li> </ul> | <ul style="list-style-type: none"> <li>i. Semiannually according to the requirements in § 63.6650(b)(1)–(5) for engines that are not limited use stationary CI RICE subject to numerical emission limitations; and</li> <li>ii. Annually according to the requirements in § 63.6650(b)(6)–(9) for engines that are limited use stationary CI RICE subject to numerical emission limitations.</li> <li>i. Semiannually according to the requirements in § 63.6650(b).</li> </ul> |